

10 / 031054  
531 Rec'd PC

15 JAN 2002

PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

Erling HANSEN  
Povl NISSEN  
Thor HUSEMOEN  
Dirk A. W. STANSSENS

4020-012139

PCT/EP00/06978

ENTITLED

**RESIN FOR A MINERAL WOOL BINDER COMPRISING THE  
REACTION PRODUCT OF AN AMINE WITH A FIRST AND SECOND  
ANHYDRIDE**

To **BOX PCT**

Attention: **DO/EO/US**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL873414155US

Date of Deposit January 15, 2002

I hereby certify that the following attached paper or fee

**Transmittal Letter To The United States  
Designated/Elected Office (DO/EO/US) Concerning A  
Filing Under 35 U.S.C. 371 (original and two (2) copies)  
And Check In The Amount Of \$1164.00 For Filing Fee;  
Letter Recognizing Attorneys (2 pp.);  
Preliminary Amendment;  
WO 01/05725 Front Page With Abstract, Specification and Claims (12 pp.);  
International Search Report (3 pp.)**

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

K.T. Berthold

(Typed name of person mailing paper or fee)

[Signature]  
(Signature of person mailing paper or fee)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
**10/031054**

INTERNATIONAL APPLICATION NO.  
**PCT/EP00/06978**

INTERNATIONAL FILING DATE  
**07.07.00 (07 July 2000)**

PRIORITY DATES CLAIMED  
**16.07.99 (16 July 1999)**

TITLE OF INVENTION **RESIN FOR A MINERAL WOOL BINDER COMPRISING THE REACTION  
PRODUCT OF AN AMINE WITH A FIRST AND SECOND ANHYDRIDE**

APPLICANT(S) FOR DO/EO/US **Erling HANSEN, Povl NISSEN, Thor HUSEMOEN, Dirk A. W.  
STANSSENS**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items  
And other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - a. WO 01/05725-Front Page, Specification And Claims (12 pp.)
  - b. International Search Report (3 pp.)

U.S. APPLICATION NO. <b>10/051004</b> <small>(known as 37 CFR 1.5)</small>		INTERNATIONAL APPLICATION NO. PCT/EP00/06978		ATTORNEY'S DOCKET NUMBER 4020-012139	
---	--	---	--	---	--

17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b> Search Report has been prepared by the EPO or JPO..... \$890.00 International preliminary examination fee paid to USPTO (37 CFR 1.482)..... \$710.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))..... \$740.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$1040.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$100.00				CALCULATIONS PTO USE ONLY	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				\$ 890.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	28 - 20	8	X \$18.00	\$ 144.00	
Independent claims	3 - 3 =	0	X \$84.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1164.00	
Reduction of 1/2 for filing by small entity, if applicable.				\$ 0.00	
<b>SUBTOTAL =</b>				\$ 1164.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 1164.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1164.00	
				Amount to be Refunded	\$
				Charged	\$

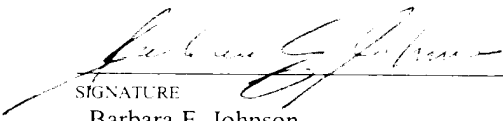
a. ☒ A check in the amount of \$ 1164 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0650. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:  
 Barbara E. Johnson  
 700 Koppers Building  
 436 Seventh Avenue  
 Pittsburgh, Pennsylvania 15219-1818  
 Telephone: (412) 471-8815  
 Facsimile: (412) 471-4094

  
 SIGNATURE  
Barbara E. Johnson  
 NAME  
31,198  
 REGISTRATION NUMBER

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of	:	
Erling HANSEN	:	RESIN FOR A MINERAL WOOL BINDER
Povl NISSEN	:	COMPRISING THE REACTION PRODUCT
Thor HUSEMOEN	:	OF AN AMINE WITH A FIRST AND
Dirk A. W. STANSSENS	:	SECOND ANHYDRIDE
International Application	:	
No. PCT/EP00/06978	:	
International Filing Date	:	
07 July 2000	:	
Priority Date Claimed	:	
16 July 1999	:	
Serial No. Not Yet Assigned	:	
Filed Concurrently Herewith	:	

Pittsburgh, Pennsylvania  
January 15, 2002

**LETTER RECOGNIZING ATTORNEYS**

**Box PCT**  
Assistant Commissioner for Patents  
Washington DC 20231

Sir:

Enclosed are appropriate papers for initiating the national phase of the above-identified PCT application, comprising a specification, claims, and abstract. A Preliminary Amendment is also enclosed.

Please accept the application for purposes of granting a filing date and recognize Barbara E. Johnson, Richard L. Byrne and Gary F. Matz, Registration Nos. 31,198, 28,498 and 45,504, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney.

Kindly direct all communications relating to this application to **Barbara E. Johnson**.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

By 

Barbara E. Johnson, Reg. No. 31,198  
Attorney for Applicants  
700 Koppers Building  
436 Seventh Avenue  
Pittsburgh, PA 15219-1818  
Telephone: 412/471-8815  
Facsimile: 412/471-4094